IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s)

J. Seth Blumberg

Group Art Unit

2167

CERTIFICATE UNDER 37 C.F.R. 1.10 I HEREBY CERTIFY

THAT THIS DOCUMENT IS BEING HAND-DELIVERED TO EXAMINER LEWIS AT GROUP ART UNIT 2167 OF

THE U.S. PATENT AND TRADEMARK OFFICE

Serial No.

09/694,276

Examiner

: Cheryl Lewis

Filed

October 24, 2000

For

Computer And Entertainment Management Interactive System Using A

Computer Network

REPLACEMENT INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

ON MARCH 18, 2005 BY_____

Sirs:

This Information Disclosure Statement is filed as a replacement at the request of the Examiner. It was previously filed October 20, 2000 and is of record in the referenced application. Copies of the PTO Form 1449 and U.S. Patents are enclosed. The Information Disclosure Statement is of record and thus no fee is due. However, the Commissioner is authorized to charge any deficiencies or credit any overpayment, to Deposit Account No. 50-0653.

Date: March 18, 2005

Corresponding Address:

GREENBERG TRAURIG 1750 Tysons Blvd., Suite 1200 By:

Richard E. Kurtz, II Registration No. 33,936

Telephone No. (703) 749-1330 Facsimile No. (703) 749-1331

McLean, VA 22102

Customer No. 22191

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

J. Seth Blumberg

Examiner:

Lewis, C.

Serial No.:

Not yet assigned

Group Art Unit:

2777

Filed:

Herewith

Docket No.:

16808-17

Title:

CORPORATE AND ENTERTAINMENT MANAGEMENT

INTERACTIVE SYSTEM USING A COMPUTER NETWORK

CERTIFICATE UNDER 37 C.F.R. 1.10: I hereby certify that this paper or fee is being H. Commissioner for Patents, Washington, D.C. 29231 on	AND-DELIVERED to the Assistant
By: Name:	

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(d), a copy of each document or other information listed is provided, together with a detailed description of each reference as follows:

1. United States Patent No. 5,774,866 to Horwitz

United States Patent No. 5,774,866 to Horwitz, issued June 30, 1998, discloses a computer system for checks for conflicts associated with proposed new matters in an organization which deals with numerous clients. The system compares data concerning potential relationships of a party to the organization with data denoting existing relationships and identifies potential problem situations where the client in a potential matter is the same as the client in an existing matter. For at least some of these matches, the system uses stored data defining associations between existing parties and persons within the organization select one or more persons within the organization associated with the existing party, and sends a signal denoting the potential problem to one or more of the persons. The potential problem signal is selectively routed to only those persons concerned. These persons can signal the system that the problem does not exist, or that the problem has been resolved. The system can resolve potential conflicts rapidly while still providing thorough review.

The present invention is distinguishable from Horwitz. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

2. United States Patent No. 5,263,723 to Pearson

United States Patent No. 5,263,723 to Pearson, issued November 23, 1993, discloses an interactive contest system is provided which permits competition among a plurality of remote participants. The system includes a central controller, storage devices for storing a Contest Roster from which each participant selects a team roster, a plurality of Touch-ToneTM telephones linked to the controller, and a publication such as a newspaper distributed to all participants. Each participant's team roster is evaluated on a periodic basis according to a formula for calculating each member's score employing a database of variable performance statistics which

reflect the roster members' actual performances. Team roster totals are compared for discrete period of competition to determine which participants have accumulated the highest score.

The present invention is distinguishable from Pearson. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

3. United States Patent No. 5,846,132 to Junkin

United States Patent No. 5,846,132 to Junkin, issued December 8, 1998, discloses an interactive apparatus and method allows participants to compete in an interactive game based on an event which is occurring in real time or in a simulated rotisserie type game. In one embodiment, selection and trading of players are used to optimize performance of a team. Team performance is used to place each participant into a league with at least one of national, regional, state, local and city/town competition in real time. A ticker tape or other visual display or audio broadcast or the like is shown or broadcast on a device of an interactive apparatus with real time score values indicative of the players' performance in the event. Using the interactive apparatus, the participants select and trade members on the team using a menu displayed or broadcast on the interactive device. The menu provides relevant information regarding the performance of the participant's team, and allows the participant to select and trade members on the participant's team with members listed in a contest roster database while the event is occurring in real time.

The present invention is distinguishable from Junkin. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

4. United States Patent No. 5,683,090 to Zeile

United States Patent No. 5,683,090 to Zeile, issued November 4, 1997, discloses an apparatus and method for playing a sports chance game includes means for storing team names, players on each team, and a first group of occurrences which could happen during a sports event contested by the two teams. A processor randomly selects a second group of occurrences from the first group of occurrences and randomly arranges each of the second group of possible occurrences into individual locations on a patterned layout on a scorecard for a verified user of the game. The processor determines matches between the second group of possible occurrences on each scorecard with events which actually occurred at the sports event and determines a winning scorecard based on a certain number of matches and/or the location of the matches on each scorecard.

The present invention is distinguishable from Zeile. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

5. United States Patent No. 5,864,871 to Kitain

United States Patent No. 5,864,871 to Kitain, issued January 26, 1999, discloses an integrated computer-implemented corporate information delivery system. A database stores research reports produced by and received electronically from brokerage firms. The database also stores corporate information about a number of corporations. Each item of corporate information is produced by and received electronically from one of the corporations about that corporation. Authorization information ("entitlements") specifies who is authorized to access each research report or item of corporate information. An entitlement subsystem allows the contributor of the research report or item of corporate information to dynamically change, online, the entitlement status of any or all users/ subscribers. A research delivery module allows a user to submit a query and receive query results listing research reports and corporate

information satisfying the query and that the user is authorized to access. A corporate register module outputs corporate information, the corporate information output according to a common format. The corporate information may be distributed via the Internet.

The present invention is distinguishable from Kitain. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

6. United States Patent No. 5,950,172 to Klingman

United States Patent No. 5,950,172 to Klingman, issued September 7, 1999, discloses a remote communication system for facilitating secure on-line evaluation of goods based upon consumers' satisfaction through electronic media wherein a suitable local user input device in association with a data transmission system, couples the user input to a packet network system for communicating to a remote receiver/decoder apparatus to obtain potentially desired scoring information such as an electronic evaluation form regarding a previously purchased product. Upon selection of scoring option by the user, a telcom network communication link for communicating a telephone number associated with the desired product from the user to the remote receiver allows the user to score the desired product. The telcom connection, linking the user input device to the remote server device may also include a toll-free 800 telephone number system to encourage shoppers to perform evaluations of purchased product without incurring costs associated therewith. During the telcom connection, a buyer identification number may be used to limit rating input to one evaluation per buyer thereby increasing accuracy of product evaluation.

The present invention is distinguishable from Klingman. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor

or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

7. United States Patent No. 5,987,435 to Weiss

United States Patent No. 5,987,435 to Weiss, issued November 16, 1999, discloses a novel data processing system manages and implements a new form of security designated the 'Proxy Asset'. Proxy Assets provide sophisticated risk management capabilities without the complexities associated with other types of risk management investment vehicles. The Proxy Asset is made possible by the enhanced processing capabilities of the Proxy Asset data processor which creates, tracks, manages, and governs asset accounts for participating investors.

The present invention is distinguishable from Weiss. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

8. United States Patent No. 5,823,879 to Goldberg

United States Patent No. 5,823,879 to Goldberg discloses a game playing method and apparatus for automating games such as blackjack, poker, craps, roulette, baccarat and pai gow, wherein players may play continuously and asynchronously, and information related to advertised items can be exchanged between players and advertisers. In one embodiment, each instance of a game is likely unique from all other current game instances. The games do not require a manual dealer and in one embodiment, played in a gaming establishment using low cost gaming stations. The present invention may also be used to play such games on the Internet or an interactive cable television network wherein a game controller communicates with players at network nodes in their homes and at their leisure since there is no game tempo requirement. During a game, advertising is selectively provided by comparing player personal information with a desired demographic profile. Player responses to advertising are used for evaluating

advertising effectiveness. The invention is useful for test marketing of products, advertisements, and reduces advertising costs.

The present invention is distinguishable from Goldberg. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

9. United States Patent No. 5,893,091 to Hunt

United States Patent No. 5,893,091 to Hunt discloses a method for distributing timely information over a computer network where a Timely Information Server collects and organizes information from Timely Information Providers and then broadcasts the organized information to endusers in the form of an alerts over a plurality of alert channels. The alert is comprised of keywords and arguments, wherein the keywords describe the subject matter of the alert and the arguments provide content of the alert. The Timely Information Server maintains a dictionary of all possible keywords and the endusers copy a portion of the dictionary to their local computers to create individual keyword profiles which are comprised of keywords and Boolean operators. When an alert satisfies a Boolean equation in a users keyword profile the headline of the alert (stored as an argument) is displayed and the user is given the option to link his/her web browser to an associated URL (also stored as an argument).

The present invention is distinguishable from Hunt. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

10. United States Patent No. 5,921,865 to Scagnelli

United States Patent No. 5,921,865 to Scagnelli discloses a wagering system for accepting wagers over communications systems comprising: (a) automatic call director means (ACD) for receiving incoming messages from subscribers who wish to water on the system; (b) message means (wagering VRU) connected thereto for receiving the incoming messages routed from the ACD, and for playing a series of recorded audio9 messages requesting subscriber wager information to be input via telecommunications means; and (c) host processor means having storage means and being connected to the wagering VRU for receiving the subscriber wager information, storing it in a master subscriber wager file in the storage means, and assigning an associated ticket number to the wager.

The present invention is distinguishable from Scagnelli. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

11. United States Patent No. 5,758,257 to Herz

United States Patent No. 5,758,257 to Herz discloses a system and method for scheduling the receipt of desired movies and other forms of data from a network which simultaneously distributes many sources of such data to many customers, as in a cable television system. Customer profiles are developed for the recipient desdribing how important certain characteristics of the broadcast video program, movie or other data are to each customer. From these profiles, an "agreement matrix" is calculated by comparing the recipient's profiles to the actual profiles of the characteristics of the available video programs, movies, or other data. The agreement matrix thus characterizes the attractiveness of eadh video program, movie or other data to each prosepctive customer. "Virtual" channles are generated from the agreement matrix to produce a series of video or data programming which will provide the greatest satisfaction to each customer. Feedback paths are also provided so that the customer's profiles and/or the

profiles of the video programs or other data may be modified to reflect actual usage. Kiosks are also developed which assist customers in the selection of videos, music, books, and the like in accordance with the customer's objective profiles.

The present invention is distinguishable from Herz. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

12. United States Patent No. 5,713,793 to Holte and "Fans Exercise Their Options at Web Site" by Mike Fimea, Arizona Business Gazette, September 11, 1997

United States Patent No. 5,713,793 to Holte discloses a commodities options trading game in which the simulated market, which determines whether the value of the simulated commodities options rise or fall, is determined by a real event occurring outside the game being played. In a preferred embodiment, the event from which the simulated market is derived is a real-life sporting event, such as a professional basketball, football or baseball game. Preferably a host calculator or computer generates the initial option prices and displays the information to a plurality of player stations. After play begins, the host computer updates the options prices using formula based on the current score, time remaining and other empirically determined factors. The players buy and sell options in response to the momentum of the market. At the conclusion of the sporting event, the options are cashed in for their intrinsic value and the player with the most accumulated wealth is declared the winner.

The present invention is distinguishable from Holte. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

13. United States Patent No. 5,950,176 to Keiser

United States Patent No. 5,950,176 to Keiser discloses a method, apparatus, and article of manufacture for a computer-implemented financial management system that permits the trading of securities via a network. A server computer receives buy and sell order for derivative financial instruments from a plurality of client computers. The server computer matches the buy orders to sell orders and then generates a market price through the use of virtual specialist program executed by the server computer. The virtual specialist program responds to an imbalance in the matching of the buy and sell orders.

The present invention is distinguishable from Keiser. This disclosure is different from the present invention which relates to a method of live event, corporate and sports management in a real time or nearly real time basis with the remote party obtaining information from a communication network and interacting through a computer network with the sports player, actor or management entity and partaking in core or actual management decisions relating to that event, player, actor or entity in a real time or nearly real time sense.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialled by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account

No. 16-2230.

Date:

10/20 .2000

Respectfully submitted

Charles Berman Reg. No. 29,249

OPPENHEIMER WOLFF & DONNELLY LLP 2029 Century Park East 38th Floor Los Angeles, CA 90067-3024

Phone: (310) 788-5000 FAX: (310) 788-5100

Sheet 1 of 1

FORM 1449* INFO	RMATION DISCLOSURE STATEMENT	Docket Number: 16808-22	Application Number: Not yet assigned
	IN AN APPLICATION	Applicant: J. Seth Blumberg	
•	(Use several sheets if necessary)	Filing Date: Herewith	Group Art Unit: Not yet assigned

XAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,774,866	06/30/98	Horwitz			
	5,263,723	11/23/93	Pearson			
	5,846,132	12/08/98	Junkin			
	5,683,090	11/04/97	Zeile			
	5,864,871	01/26/99	Kitain			
-,	5,950,172	09/07/99	Klingman			· .
	5,987,435	11/16/99	Weiss			
· · · · · · · · · · · · · · · · · · ·	5,823,879	10/20/98	Goldberg			
	5,893,091	04/06/99	Hunt		·	
	5,921,856	07/13/99	Scagnelli			
	5,758,257	05/26/98	Herz			
	5,713,793	02/03/98	Holte			
	5,950,176	09/07/99	Keiser et al.			
		_,l,	FOREIGN PATENT DOCUM	ENTS		
 	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
					1	
	 		·			
	· .		ENTS (Including Author, Title, I			
····	Fimea, M	ke; "Fans Exercise	Their Options at Web Site"; Aria	zona Business Gazet	te, 09/11/97	
	-					

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformation in the copy of this form for next communication to the Applicant.	ance with MPEP 609; draw line through citation if not in conformance and not

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s)

J. Seth Blumberg

Group Art Unit

2167

Serial No.

09/694,276

Examiner

Cheryl Lewis

Filed

October 24, 2000

For

Computer And Entertainment Management Interactive System Using A

Computer Network

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sirs:

CERTIFICATE UNDER 37 C.F.R. 1.10 I HEREBY CERTIFY
THAT THIS DOCUMENT IS BEING HAND-DELIVERED
TO EXAMINER LEWIS AT GROUP ART UNIT 2167 OF
THE U.S. PATENT AND TRADEMARK OFFICE ON
MARCH 18 2005

MARCH 18, 2005 BY BARRY KINDEY

The Examiner has requested a replacement copy of an Information Disclosure Statement acknowledged in the Interview Summary dated 7/20/2004. Applicant is unable to locate a copy of the IDS as filed, but believes that the attached includes all of the references in that paper.

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§§1.56, 1.97 and 1.98. The items listed on the attached Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action). The Commissioner is hereby authorized to charge \$180.00 to Deposit Account 50-0653 and is authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment, to Deposit Account No. 50-0653.

Date: March 18, 2005

By:

Richard E. Kurtz, II

Registration No. 33,936

Respectfully submitted,

Telephone No. (703) 749-1330 Facsimile No. (703) 749-1331

GREENBERG TRAURIG 1750 Tysons Blvd., Suite 1200 McLean, VA 22102

04/07/2005 ANH Storresmonding OA stdress 9694276

01 FC:1806

Customer No. 22191

FORM PTO-1449	Attorney Docket Number	59311.010300
	Application Number	09/694,276
INFORMATION DISCLOSURE	Filing Date	October 24, 2000
STATEMENT BY APPLICANT	Applicant(s)	BLUMBERG, Seth J.
	Group Art Unit	2177
(use as many sheets as necessary)	Examiner Name	LEWIS, Cheryl

		U.S.	PATENT DOCUMENTS			
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE I APPROPRIATE
	2003/0041013	Feb. 27, 2003	Grey et al.	705	37	Aug. 22, 2001
	4,592,546	Jun. 03, 1986	Fascenda et al.	273	1	Apr. 26, 1984
	4,799,156	Jan. 17, 1989	Shavit et al.	364	401	Oct. 1, 1986
	5,311,424	May 10, 1994	Mukherjee et al.	364	401	Jun. 28, 1991
	5,508,731	Apr. 16, 1996	Kohorn	348	1	Feb. 25, 1993
	5,924,082	Jul. 13, 1999	Silverman et al.	705	37	Jun. 7, 1995
	6,047,266	Apr. 04, 2000	Van Horn et al. (withdrawn)			-
	6,085,191	Jul. 04, 2000	Fisher et al.	707	9	Mar. 25, 1998
	6,141,653	Oct. 31, 2000	Conklin et al.	705	80	Nov. 16, 1998
	6,204,862	Mar. 20, 2001	Barstow et al.	345	473	Jun. 9, 1997
	6,224,486	May 1, 2001	Walker et al.	463	42	Feb. 24, 1998
	6,240,415	May 29, 2001	Blumberg	707	9	Dec. 20, 1999
	6,260,024	Jul.10, 2001	Shkedy	705	37	Dec. 2, 1998
	6,263,501	Jul. 17, 2001	Schein et al.	463	19	Aug. 28, 2001
	6,280,325	Aug. 28, 2001	Fisk	463	19	May 13, 1999
	6,332,135	Dec. 18, 2001	Conklin et al.	705	80	Nov. 16, 1998
	6,338,050	Jan. 08, 2002	Conklin et al.	705	80	Nov. 16, 1998
	6,418,415	Jul. 09, 2002	Walker et al.	705	26	Oct. 3, 1997
	6,466,919	Oct. 15, 2002	Walker et al.	705	37	Dec. 20, 1999
	5,615,269	Mar. 25, 1997	Micali			
	6,067,531	May 23, 2000	Hoyt et al.	705	35	Jul. 21, 1998
	6,035,288	Mar. 7, 2000	Solomon	705	37	Jun. 29, 1998
	5,495,412	Feb. 27, 1996	Thiessen	364	401	Jul. 15, 1994
	6,065,042	May 16, 2000	Reimer et al.	709	203	Apr. 10, 1998
	5,596,705	Jan. 21, 1997	Reimer et al.	395	326	Mar. 20, 1995
	6,192,215	Feb. 20, 2001	Wang	434	307	Mar. 20, 2000
	6,052,717	Apr. 18, 2000	Reynolds et al.	709	218	Oct. 23, 1996
	5,243,517	Sep. 7, 1993	Schmidt et al.	364	419.2	Aug. 3, 1988
***	5,692,212	Nov. 25, 1997	Roach	395	806	Jun. 22, 1994
	5,682,196	Oct. 28, 1997	Freeman	348	12	Jun. 22, 1995
	6,164,971	Dec. 26, 2000	Figart	434	154	Jul. 28, 1995

FORM PTO-1449	Attorney Docket Number	59311.010300
	Application Number	09/694,276
INFORMATION DISCLOSURE	Filing Date	October 24, 2000
STATEMENT BY APPLICANT	Applicant(s)	BLUMBERG, Seth J.
(use as many shoots as massessmi)	Group Art Unit	2177
(use as many sheets as necessary)	Examiner Name	LEWIS, Cheryl

		U.S.	PATENT DOCUMENT	r s		
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,712,174	Dec. 8, 1987	Minkler, II	364	200	Apr. 24, 1984
	5,915,256	Jun. 22, 1999	Rogers et al.	707	501	Nov. 5, 1997
	5,949,411	Sep. 7, 1999	Doerr et al.	345	327	Nov. 18, 1997
	5,465,384	Nov. 7, 1995	Bejan et al.	455	2	Nov. 25, 1992
	5,742,776	Apr. 21, 1998	Toda	395	201	Sep. 12, 1995
	6,195,646	Feb. 27, 2001	Grosh et al.	705	26	May 13, 1997
	5,446,842	Aug. 29, 1995	Schaffer et al.	395	200.01	Feb. 26, 1993
	6,029,171	Feb. 22, 2000	Smiga et al.	707	102	Feb. 10, 1997
	6,088,702	Jul. 11, 2000	Plantz et al.	707	103	Eeb. 25, 1998

DOCUMENT	PUBLICATION				TRANS	SLATION
NUMBER	DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	YES	NO
EP 0502178B1	Sep. 9, 1992	European Patent Office	G06F	17/21		X
2069415	Apr. 16, 1992	Canada	G06F	15/16; 3/12		X
				 		
ļ	NUMBER EP 0502178B1	NUMBER DATE EP 0502178B1 Sep. 9, 1992	NUMBERDATECOUNTRY OR PATENT OFFICEEP 0502178B1Sep. 9, 1992European Patent Office	NUMBERDATECOUNTRY OR PATENT OFFICECLASSEP 0502178B1Sep. 9, 1992European Patent OfficeG06F	NUMBERDATECOUNTRY OR PATENT OFFICECLASSSUBCLASSEP 0502178B1Sep. 9, 1992European Patent OfficeG06F17/21	NUMBERDATECOUNTRY OR PATENT OFFICECLASSSUBCLASSYESEP 0502178B1Sep. 9, 1992European Patent OfficeG06F17/21

	OTHER DOCUMENTS
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
EXAMINER	DATE
SIGNATURE	CONSIDERED

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE